



Fig. 1

# Data Flow Process and Interfaces

Source/Destination

Interface

Service Bureau  
Processing Facility

Establishment  
(Customer)

Internet

HTML Based Web Page is  
Presented on Web Site  
system

62 ~ Customer Visits  
Web Site  
system

64 ~ Customer Downloads  
Application Setup Wizard

66 ~ Customers provides billing  
and qualification information via the Setup Wizard

68 ~ Customers accepts, presents  
to licensing terms and agreements

70 ~ Customer Downloads  
Applet from the Web to local machine

72 ~ Establishment Enters data into the  
applet. The timeframe for this is  
completely at the customer's discretion.  
It could be hours, or it could be days.

74 ~ Customers selects update  
choice from the Applet

76 ~ Data is compressed and sent over the Internet  
and loaded into the system's master database  
system

Workers

Telephone Network

78 ~ Using an 800 number, workers call into the system,  
and indicate their absence details

Internet

Establishment  
(Customer)

Absence notifications  
are sent immediately  
via email to parties  
on the distribution list  
setup by the customer

Candidate Replacements

Telephone Network

Based on qualifications, certifications  
and customer specified selection  
criteria candidate replacements are  
identified

82 ~ Candidate replacements are called  
by an automated dialing system  
and asked to accept the replacement  
duty

84 ~ Candidates accept or reject  
the replacement request

Establishment  
(Customer)

Detailed Absence and replacement  
reports are distributed by fax  
based on the customer specified  
on distribution list

86 ~ Customers selects update  
choice from the Applet

Internet

88 ~ Data is compressed and sent both directions over the Internet.  
Customer receives call activity updates, fulfillment, etc.  
System Master Database receives customer records update

Time

81

Fig. 2

[illegible]

STAFF	
Name	- 92
Title	- 94
Social Security Number	- 96
Pin	- 98
Cross reference to billing contact	- 100
Certification(s)	- 102
Substitute preferences	- 104
Schedule manipulation	- 106
Absence record	- 108
School reference	- 110
District reference	- 112
County reference	- 114
E-mail address	- 116
Fax number	- 118
Room/Office number	- 120
Special flag for recorded messages	- 122
Entitlement balances	- 124
Availability	- 126
Call time preferences	- 128

Figure 4

130 →

Business Data	
Billing address	- 132
Mailing address	- 134
Billing contact	- 136
Emergency contact Evening Weekend Business	- 138
Phone number	- 140
Fax number	- 142
E-mail	- 144
PO #	- 146
Options turned on	- 148

000047446-122400

150 ↗

[illegible]

Figure 6

166 →

School Data	
Name	- 168
Code	- 170
Type	- 172
Principal	- 174
Fax	- 176
Assign fax list	- 178
Phone	- 180
Secretary	- 182
Assign substitute	- 184
Assign staff	- 186
Record/Play	- 188

0001745 122400

Figure 7

190 →

County Data	
Name	- 192
Code	- 194
State	- 196
Associate districts	- 198
Assign substitutes	- 200

Figure 8

202 →

District Data	
Name	- 204
Code	- 206
District address	- 208
Phone	- 210
Fax	- 212
Assign fax list	- 214
Administrator/Board secretary	- 216
Associate schools	- 218
Assign substitutes	- 220
Assign staff	- 222
Record/Play	- 224

00347415: 122409

Figure 9

226 →

Preferences
Options Calling numbers Select internet/intranet calling profiles Password Key value

- 228

000047445433400



Reports	
Acceptance/refusal history	- 232
Call History	- 234
Unfulfilled	- 236
Teacher manifest Trend analysis	- 237
Substitute manifest	- 238
School manifest	- 240
Substitute performance Acceptance rating Flexibility rating Trend analysis	- 242
Staff attendance	- 244
Staff calendars	- 246
Assignment reports School District County	- 248

250

Wizard	
Phone	- 252
Emergency phone	- 254
Contact	- 256
Billing address	- 258
District	- 260
Title	- 262
Number of teachers (approx.)	- 264
Number of support staff (approx.)	- 266
Fax number	- 268
E-mail address optional	- 270
Billing contact optional	- 272

**ABSENTEE REPORT**

DATE: 1/8/98

TIME: 14:40:08

Name	Social Security#	Phone #	Title	Time	Location
Smith, John, T.	005-75-2243	(609)-555-1111	Social Studies	14:39:50	Howard
	Date:	1/8/98			
	Type:	Sick			
	F/H Day:	Half Day/PM			

**SUBSTITUTE ASSIGNMENT REPORT**

DATE: 1/8/98

TIME: 17:08

Name: Smith, John, T.

SSN: 005-75-2243

Title: Social Studies gr 8

School ID: 011

Location: Howard

School: 50 South School Street

Substitute Information

Name: Smith, Charles

SSN: 005-76-2214

Contact Date: 1/8/98

Time: 17:06

**CALL HISTORY REPORT**

DATE: 1/8/98

TIME: 17:08

Name: Smith, John, T.

SSN: 005-75-2243

Date: 1/8/98

Time: 17:04

Line: Answer

Status: No Contact Sub: Smith, Mark, C.

Date: 1/8/98

Time: 17:05

Line: Answer

Status: Rejected Sub: Jones, Pat, B.

Date: 1/8/98

Time: 17:06

Line: Answer

Status: Accepted Sub: Smith, Charles, D.

**UNFULFILLED SUBSTITUTE ASSIGNMENT REPORT**

DATE: 1/8/98

TIME: 19:10

Name: Hitchens, Jack, R.

SSN: 008-75-2278

Title: English gr 11

School ID: 012

Location: Blair

School: 123 South Main Street